

BIRO, M. A.; MUHLRAD, A.; GOBEL, Vera; JAKY, Susanne

Inhibition of myofibrillar ATPase activity by adenosine monophosphate.
Acta physiol. akad. sci. hung. 21 no.1:1-8 '62.

1. Biochemistry Group, Institute of Phylogeny and Genetics, Eotvos
Lorand University, Budapest.

(MUSCLES metabolism)
(ADENOSINE PHOSPHATES pharmacology)
(ADENYLPYROPHOSPHATASE antagonists)

BIRO, N. A.; MUHLRAD, A.; GOBEL, Vera; JAKY, Susanne

On the mechanism of substrate inhibition of myofibrillar ATPase.
Acta physiol. akad. sci. hung. 21 no.1:9-13 '62.

1. Biochemistry Group, Institute of Phylogeny and Genetics, Eotvos
Lorand University, Budapest.

(MUSCLES metabolism)

(ADENYLPIROPHOSPHATASE antagonists)

MUHLRAD, A.; BIRO, N. A.; VERTES, K.

Binding of Ca and Mg by functional structural proteins of muscle.
Acta physiol. akad. sci. hung. 21 no.1:15-28 '62.

1. Biochemistry Group, Institute of Phylogeny and Genetics, Eotvos
Lorand University, Budapest.

(MUSCLE PROTEINS chemistry) (CALCIUM chemistry)
(MAGNESIUM chemistry)

MUHLRAD, A.; JAKY, Susanne; BIRO, N.A.

The independence from the presence of relaxing factors of the substrate inhibition of myofibrillar ATPase. Acta physiol. acad. sci. hung. 23 no.2:101-104 '63.

1. Institute of Phylogenics and Genetics, Biochemistry Group,
Lorand Eotvos University, Budapest.

(ADENOSINE TRIPHOSPHATASE) (CALCIUM) (THYMOL)
(BILE ACIDS AND SALTS) (MUSCLE PROTEINS) (MUSCLES)

MURTAGH, A.; KEREKE, Gy.; BIRÓ, N.A.

Inhibition by magnesium of myofibrillar ATP-ase. Acta physiol.
Hung. Acad. Sci. 25 no.4:319-323 1964

EDTA inhibition of myofibrillar ATP-ase. Ibid.:325-332

I. Biochemistry Group, Institute of Phylogeny and genetics,
Eotvos Lorand University, Budapest.

BINGSATH, A.F.; BIRO, N.A.

Nucleotide changes during the extraction of actin. Acta physiol.
Acad. sci. Hung. 25 no.4:333-338 '64

1. Biochemistry Group, Institute of phylogeny and genetics,
Eotvos Lorand University, Budapest.

MUHLRAD, A.; BALINT, M.; BIRO, N.A.

Uptake of labelled inorganic phosphorus by myofibrils and myosin.
Acta physiol. Acad. sci. Hung. 25 no.4:339-350 '64

1. Biochemistry Group, Institute of Phylogeny and Genetics,
Eotvos Lorand University, Budapest.

R-28

COUNTRY : Hungary

CATEGORY :

80149

ABS. JOUR. : RZKhim., No. 22 1959 No.

AUTHOR : Biro, O. and Scheer, B.

INST. : Not given

TITLE : On the Investigation of the Raw Materials Base
of the Dairy Industry

ORIG. PUB. : Elelm Ipar, 12, No 3, 81-86 (1958)

ABSTRACT : The authors sketch a plan for the investigation
of the milk supply of the Hungarian dairy indus-
try. The results from studies carried out at
the village of Patka in 1957 are presented.
S. Rozenfel'd

CARD: 1/1

ACCESSION NR: AT4012352

H/2502/63/039/002/0253/0270

AUTHOR: Ballo, R. (Ballo, R.) (Professor, Doctor); Molnar, Imre (Molnar, I.);
Lakits, Maria (Lakich, M.); Biro, Odette (Biro, O.);

TITLE: The effect of formaldehyde on the strength properties of polyamide

SOURCE: Academia scientiarum hungaricae. Acta chimica, v. 39,
no. 2, 1963, 253-270

TOPIC TAGS: formaldehyde treatment, cross-linking, strength of polyamide,
polycaprolactam fiber, catalyst, completeness factor, breaking stress

ABSTRACT: The literature and patents describe many stereo-polyamide production
methods differing greatly in mode of application and the properties of the
products. The authors enumerate their many shortcomings, to be reduced or
eliminated primarily by making the polyamide unreactive to phenol, most simply
by cross-linking it with formaldehyde and thus raising the tensile strength,
reducing elongation at rupture and partially or totally eliminating polyamide
reactivity to phenol. Their investigation sought to: 1) choose the most

Card 1/3

ACCESSION NO. AT4012352

efficient catalyst from among those known from the literature, from breaking-load-elongation graphs clearly showing the degree of change; 2) determine the effect of the whole process on the strength, from similar graphs for the intermediate products, obtained in the various phases of the chosen method of formaldehyde treatment; 3) determine the change in the completeness factor of the products obtained in the various phases of the chosen catalytic process. They used untwisted and undressed bundles of fibers 40/9 denier thick of "perlon"-type oriented polycaprolactam. There are sections on "Choice of a suitable method of treating with formaldehyde," "Study of the cross-linking process with ammonium chloride," and "Change in the completeness factor in the process of the cross-linking operation." They found ammonium chloride to be the best of the catalysts tested. The tensile strength increased 18.3%, the section of proportional elongation 42.0%, and the total elasticity factor 44.8%, while the elongation at rupture diminished 18.4%, the completeness factor 29.5% and the breaking stress 32.3%. The cross-linked fiber does not dissolve in phenol, but only swells; however, it absorbs twice as much phenol from the phenol solution as does untreated fiber. The tests convinced the authors that the fiber is cross-linked uniformly throughout the cross-section.

Card 2/3

ACCESSION NR: AT4012352

Orig. has 17 graphs, 3 tables and 7 formulas.

ASSOCIATION: Kafedra plastmassovoy i rezinovoy promyshlennosti budapeshtskogo
Politeknicheskogo Instituta, Budapest (Plastic and Rubber Industry Department
of the Budapest Polytechnic Institute)

SUBMITTED: 26Jun62

DATE ACQ: 26Feb64

ENCL: 00

SUB CODE: CH

NO REF SOV: 003

OTHER: 006

Card 3/3

LIPTAY, Gyorgy, dr. (Budapest, XI., Gellert ter 4); BIRÓ, Odette (Budapest, XI., Gellert ter 4); SZOLLOSI, Istvan, dr. (Budapest, XI., Gellert ter 4)

Examination of thermal properties of thermoreactive plastics.
Periodica polytechn chem 8 no.3:191-195 '64.

1. Kafedra obshchey khimii i Kafedra plastmassovoy i rezinovoy
promyshlennosti Budapeshtskogo politicheskogo instituta, Budapesht.
Submitted February 10, 1964.

BIRO, Oszkar

Milk supply problems in Budapest. Elelm ipar 12 no.6/7:
218/221 Je-Jl '58.

1. Elelmezesi Kozgazdasagi Kutato Csoport.

BIRO, P.

Fluctuations of the directional line due to the motion of the inner-
picture-adjusting lens. p. 142, GEODEZIA ES KARTOGRAFIA. (Allami
Foldmeresi es Terkepeszeti Hivatal) Budapest, Vol. 8, No. 2, 1956

SOURCE: East European Accessions List (EEAL) Library of Congress,
Vol. 5, No. 11, November 1956

BIRO, P.

Science

"GEODEZIA ES KARTOGRAFIA"

Recent automatic leveling instruments. p. 301

Vol. 10, No. 4, 1958

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 4, April 1959
Unclass.

BIRO, Peter

The base of Heerbrugg. Geod kart 12 no.4:293-295 '60. (KEAI 10:3)
(Geodesy)

BIRO, Peter

Geodetic tasks in the guidance of missiles. Geod kart 12 no.3: -
211-212 '60. (EEAI 10:3)
(Guided missiles)

S/035/62/000/000
A001/A101

AUTHOR: Biró, P.

TITLE: Determination of the height of the geoid relative to the reference-ellipsoid by the geometric method

PERIODICAL: Referativnyy zhurnal, Astronomiya i Geodeziya, no. 4, 1962, 27, abstract 4G170 ("Építőipari és közleked. tud. közl.", 1960, v. 6, no. 3, 3 - 55, Hungarian; Russian, German, English, French, Spanish summaries)

TEXT: The author presents general problems of studying the shape of the geoid by the method of astronomical leveling. On the basis of leveling data along the Saint-Gothard meridian (Switzerland), an empirical relationship was obtained between the precision of astronomical leveling and average distance between the astronomical stations. Based on this relationship, the author holds that the precision of astronomical leveling in Hungary will amount to ± 20 cm at the average distance between astronomical stations being 35 km (it is presumed to use 72 stations). Comparing the heights of the geoid on a part of the Hungary territory ($46^{\circ}20' \leq \varphi \leq 48^{\circ}$; $16^{\circ}30' \leq \lambda \leq 19^{\circ}$) on the maps of Wolf (RZhAstr, 1960, no. 6,

Card 1/2

Card 2

BIRO, Peter, dr.

Practical determination of normal height. (To be contd.) Geod kart 14
no.1:1-6 '62.

BIRO, Peter, dr., megyetemi adjunktus

Practical determination of normal height. (Continuation)
Geod kart 14 no.2:84-89 '62.

BIRO, Peter, dr.

Newer trends in scientific geodesy. Geod kart 15 no.1:42-47 '63.

L 3738-66

ACCESSION NR: AP5027638

CZ/0023/65/009/002/0119/0123

AUTHOR: Biro, Peter (Doctor, Engineer)

32
B

TITLE: Modified solution of the boundary problem of geodetic gravimetry on the physical surface of the Earth [This paper was presented at the Symposium on the Determination of the Figure of the Earth, October 6 - 10, 1964, Prague]

SOURCE: Studia geophysica et geodastica, v. 9, no. 2, 1965, 119-123

TOPIC TAGS: geodesy, boundary value problem, gravimetry, integral equation
12,44,55 12,44,55

ABSTRACT: By starting from the boundary condition on the physical surface of the Earth and expressing the disturbing potential through the potential of an equivalent simple layer, the corresponding integral equation is obtained and the path of its solution is described. Orig. art. has 1 figure and 17 formulas.

ASSOCIATION: Lehrstuhl für Höhere Geodäsie der Technischen Universität für Bau- und Verkehrswesen, Budapest (Department of Higher Geodesy, Technical Institute of Construction Engineering and Transportation)
44,55

SUBMITTED: 06Oct64

ENCL: 00

SUB CODE: ES, MA

NO REF SOV: 002

OTHER: 000

JPRS

Card 1/1 AC

L 13253-66

ACC NR: AP6007062

SOURCE CODE: HU/0017/65/017/003/0178/0185

AUTHOR: Biro, Peter (Doctor)

ORG: none

TITLE: Current problems in the field of geodetical gravimetry

SOURCE: Geodezia es kartografia, v. 17, no. 3, 1965, 178-185. ^{12,44,55} ^{12,44,55} 31 B

TIPIC TAGS: geodesy, gravimetry, earth gravity

ABSTRACT: This article summarizes the current problems involved in the projection of points on the surface of the Earth onto a ground-based reference ellipsoid on the basis of geodetic and gravimetric principles. A method combining the salient features of a number of techniques was developed and described. It permits the utilization of non-reduced measurement results, yet permits the calculation of both the internal and the external potential of the Earth and is relatively unaffected by differences in altitude. With the aid of this technique it is possible to correlate independently situated geodetical networks with a relatively high degree of approximation. Orig. art. has: 3 figures, 25 formulas.

JPRS

SUB CODE: 08 / SUBM DATE: none / OTH REF: 003 / SOV REF: 002

Card 1/1

UDC: 528.223

"APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000205330004-4

APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000205330004-4"

BIRO, S.

EXCERPTA MEDICA Sec.10 Vol.8/12 Obstetrics Dec 55

2240. BIRO S. *A cervix gonorrhoea új vizsgálati módszeréről. New diagnostic method in cervical gonorrhoea BÖRGYÓGY. VENER. SZLE. 1954, 30/3 (78-79)

The author inoculated the cervical secretion of the patient into the mucosa of her own urethra in cases where it was negative for the gonococcus by microscopical examination and by culture. In positive cases 4-5 days after the inoculation the gonococcus was identified by microscopical examination. When this same experiment was carried out on 430 women who were negative by microscopical examination and culture the urethral inoculation gave positive results in 48 cases. The urethral gonorrhoea was easily cured in each case by penicillin.

Földvári - Budapest (XIII, 10)

529

BIRO, Sandor, dr.

New method of diagnosis of gonorrhea of the cervix uteri. Orv.
hetil. 96 no.6:141-145 6 Feb 55

1. A Fovarosi Kém-utcai Korház Egészségvédelmi Osztályának (főorvos:
Biro Sandor dr. O. Közleménye.
(GONORRHEA, diagnosis,
cervical gonorrhea)

BIRO, Szigmond, dr.,; SZEMESS, László, dr.

Incidence of leptospirosis beyond Tisza. Orv. hetil. 96 no.13:
348-353 27 Mar 55.

1. A Debreceni Orvostudományi Egyetem Kóregészsegtani
Intézetének (igazgató: Jency Endre dr. egyet. tanár, az
orvostudományok doktora) közleménye.
(LEPTOSPIROSIS, epidemiology,
in Hungary)

BIRO, Sandor, Dr.

Observations on urethral auto-inoculation according to 10,000 cases. *Borgyogy. vener. szemle* 36 no.4:175-177 J1 '60.

(GONORRHEA)

NAGY, Gyula, dr.; MIKE, Terezia, dr.; BIRO, Sander, dr.

Myocardial infarction. A 10-year follow-up study in the Central State Hospital. Orv. hetil. 102 no.17:788-793 23 Ap '61.

1. Kozponti Allami Kórház, I belosztály.

(MYOCARDIAL INFARCT statist)

BIRO, Sandor, dr.

Plastic induration of the penis and its treatment. Borgyogy. vener.
szemle 37 no.4:161-164 JI '61.

1. Közlemény a Fovarosí Kun utcai Korház bor- és egészségvedelmi
osztályáról.

(PENIS dis)

CARDIOLOGY

HUNGARY

BIRO, Sandor, Dr., NAGY, Gyula, Dr., KALDI, Nandor, Dr.; Central State Hospital, I. Medical Ward (Kozponti Allami Korhaz, I. Belosztaly).

"Thyroid Function in Patients With myocardial Infarct."

Budapest, Orvosi Hetilap, Vol 107, No 16, 17 Apr 66, pages 734-737.

Abstract: [Authors' Hungarian summary modified] Thyroid function tests were carried out on 15 patients hospitalized with myocardial infarct in the first, third and sixth week of the disease. In the first week of the disease, there was a considerable decrease in thyroid function in 12 of the 15 patients tested. The endogenic stress effect can be held primarily responsible for the decreased thyroid function at this time of the disease. 5 Hungarian, 18 Western references.

J.A. Smith

Corrosion rate of aluminum. *Index. Magn.*
Kim. Lapja 4, 667(1949).—The following methods are pro-
 posed instead of the hematoxylin method described by
 Baskai and Kovacs (C.A. 43, 2840f). (1) The metal
 sheet with an anticorrosive coating is used as an electrode
 against a Pt or other suitable electrode and electrolyzed.
 During electrolysis the elec. cond. of the electrolyte is mea-
 sured. The increase of cond. is proportional to the spread-
 ing of corrosion of the Al surface. (2) The Al plate with
 anticorrosive coating is treated with corrosive agents and
 subsequently located in a Cu salt soln. as a cathode. When
 this system is electrolyzed, metallic Cu is deposited on the
 corroded spots and the result is clearly visible. The de-
 gree of decrease in Cu content is another basis for evaluating
 the corrosion rate. Both methods are suitable for any other
 metals as well.
 István Fényi

HUNGARY

BIRO, Tamas, BOZOKY, Laszlo, Dr. VERES, Arpad, VANDOR, Ferenc, Dr.;
Isotope Institute of the State Atomic Energy Committee (Orszagos Atom-
energia Bizottsag Izotop Intezete).

"Radiation Protection Measurements in the Use of Teletherapeutic Cobalt
Apparatus."

Budapest, Magyar Radiologia, Vol XV, No 1, Jan 1963, pages 43-48.

Abstract: [Authors' Hungarian summary modified] Measurements were made
to determine the radiation received by physicians, technicians, patients
and others occupied in the vicinity of the cobalt machine. The measuring
techniques are described. The gamma radiation received by the workers was
found to be below the natural background radiation and the protection of
the patient and environment was also found to be satisfactory. 3 Western,
2 Eastern European references.

11/1

BIRO, Tamas; BOZOKY, Laszlo, dr.; VERES, Arpad; VANDOR, Ferenc, dr.

Radiation protective measurements using teletherapeutic cobalt apparatus. Magy. radiol. 15 no.1: 43-48 Ja '63.

1. Orszagos Atomenergia Bizottsag Izotop Intezete.
(RADIATION PROTECTION) (COBALT ISOTOPES)
(RADIOISOTOPE TELETHERAPY)

BIRO, Tibor, dr.; NAGY, Lajos, dr.

Sterile necrosis of the carpal bones secondary to occupational injuries. Orv.hetil. 102 no.35:1648-1651 27 Ag '61.

1. Budapesti Orvostudományi Egyetem, Orthopaediai Klinika.

(WRIST dis) (OCCUPATIONAL DISEASES)

15710
ZINNER, Mándor, dr.; GERENDAS, Mihály, dr.; BIRO, Tibor, dr.

A new method in arthroplasty. Orv. hetil. 95 no.34:932-934 22
Aug 54.

I. As ORFI. (igazgató: Dabovits Dénes dr.) II. Orthopaed osztályának
(főorvos: Zinner Mándor dr. az orvostudományok kandidátusa) és az
Országos Verellátó szolgálat (igazgató: Sores Balint dr.) kutató-
osztályának (vezető: Novák Ernő dr. az orvostudományok kandidátusa)
közleménye

(JOINTS, surgery

fibrin & vitallium arthroplasty)

(FIBRIN

arthroplastic use

(VITALLIUM

arthroplastic use)

ZINNER, N.; GERENDAS, M.; ~~BIRO, T.~~

A new method of arthroplasty. Acta med. hung. 7 no.1-2:217-222
1955.

1. II. Department of Orthopedics, State Institute for Rheumatic
Diseases and Balneology; Research Department for the National
Blood Donor Service.

(HIP, surgery,

arthroplasty with fibrin cup in dogs)

(FIBRIN,

fibrin cup in arthroplasty in dog)

NOSSA, L., dr.; BIRO, V., dr.; PAVEL, E., dr.; SABAU, L., dr.

Exudative pericarditis with prolonged evolution. Med. intern. 14
no.8:1005-1008 Ag '62.

1. Lucrare efectuata in Spitalul unificat Dej.
(PERICARDITIS)

NOSSA, L., dr.; BIRQ, V., dr.

Cardiac neuroses caused by food allergens. Med, intern. 15
no.9:1093-1098 S '63.

1. Lucrare efectuata in Spitalul unificat din Dej.
(NEUROSES, ANXIETY) (FOOD ALLERGY)

BIRO, Viktor, dr., a muszaki tudományok kandidátusa

Analysis of vector frequency doublers having parallel
coupling. Hírtechnika no.1:1-9 Ja '65,

1. Telecommunication Research Institute, Budapest.

L 47424-66 T IJP(c)

ACC NR: AF6034994

SOURCE CODE: HU/0005/65/071/012/0533/0535

AUTHOR: Biro, Janos--Biro, Y.; Fehér, Istvan--Fekher, I.; Szabo, Laszlo--Sabo, L.; Szamosi, Gyorgy--Samoshi, G.

ORG: Central Research Institute of Physics, Hungarian Academy of Sciences, Budapest
(Magyar Tudományos Akademia, Kozponti Fizikai Kutato Intezet)

TITLE: Low background beta-radiation counter 14

SOURCE: Magyar kemiai folyoirat, v. 71, no. 12, 1965, 533-535

TOPIC TAGS: beta radiation, radiation counter

ABSTRACT: The measuring installation described is suited for the determination of β -activities of a pCi order of magnitude. A pair of anti-coincidence-shielded GM tubes were used in the apparatus under discussion. By means of suitable shielding and electric circuits it has been achieved that the background of the apparatus was 0.9 ± 0.1 cpm with a sensitivity identical with that of GM-tube measuring installations. The authors thank Bolla Dezso, Knurr Ferenc, and Denes Gyorgyne for construction of the apparatus and assistance with the measurements. Orig. art. has: 6 figures. [JPRS: 34,518]

SUB CODE: 18 / SUBM DATE: 26Apr65 / ORIG REF: 001 / OTH REF: 001

Card 1/1 vlr

0921 1507

BIRO, Ye.M.

Hungarian experience in automobile and tractor construction. Art. 1
trakt. prom. no. 9:42-44 S '56. (MLRA 9:11)

1. Vengerskiy institut razvitiya transportnykh sredstv.
(Hungary--Tractor industry)

SHTRAUB, F.B. [Straub, F.B.], prof.; BIRO, Zh. [Biro, G., translator];
MAYUS, M. [Maiusa, M.; translator]; MESAROSH, I. [Mesarosa, I.,
translator]; MILE, I. [translator]

[Biochemistry] Biokhimiia. Budapest, Akademiai Kiado, 1963.
715 p. (MIRA 16:8)

1. Meditsinskiy universitet, Budapesht (for Shtraub).
(Biochemistry)

SHTRAUB, F.B. [Straub, F. Bruno], prof.; BIRO, Zs. [Biro, Zs. translator]; MAYUS, M. [Mausz, M., translator]; MESAROSH, I. [Meszaros, I., translator]; MILE, I. [translator]; BERNAT, D., otv. izdatel'.

[Biochemistry] Biokhimiia. Budapest, Akademiai Kiado, 1963. 715 p. (MIRA 16:12)

1. Meditsinskiy universitet, Budapesht (for Shtraub). (Biochemistry)

REMINICZKY, Karoly; KISS, Arpad, dr.; PESTA, Laszlo, dr.; MORIK, Jozsef, dr.; KAPOs, Vilmos, dr.; SZABO, Lajos, dr.; BIRO, Zsigmond, dr.; GULACSY, Bela, (Budapest); ROMAN, Istvan; GAJZAGO, Laszlo; NAGY, Imre; PINTER, Antal; VADASZ, Elemer, dr.; KONCZ, Istvan, dr.; PUTNOKI, Janos; JANCso, T.; BAKAY, T.; MORY, B., dr.; VERES, L.; KASZO, L.; OSZTROVSZKI, Gyorgy, dr.

The first Hungarian aerosol conference. Epuletgapeszet 14 no.1: 29-31. 1965.

1. President, National Committee on Technical Development, Budapest (for Kiss).
2. Deputy Chairman, Budapest City Executive Committee (for Pesta).
3. National Institute of Public Health, Budapest (for Morik).
4. Public Health and Medical Clinic for Contagious Diseases, Budapest (for Kapos).
5. Public Health and Medical Clinic for Contagious Diseases, Pecs (for Szabo).
6. Public Health and Medical Clinic for Contagious Diseases, Miskolc (for Biro).
7. Kelenfold Heat Power Plant Enterprise, Budapest (for Roman).
8. National Meteorological Institute, Budapest (for Gajzago).
9. National Power Economy Authority, Budapest (for Pinter and Vadasz).
10. Research Institute of Heat Engineering, Budapest (for Koncz).
11. Research Institute of Heavy Chemical Industry (for Mory).
12. Fuel Trade Enterprise, Budapest (for Kaszo).
13. Deputy President, National Committee on Technical Development, Budapest (for Osztrovszki).

BIRD, Zs.; MAZURAS, A.

"Leptospirosis in the Tiszaental area" p. 270. (EPIDEMIOLOGY, Vol. 34, No. 10, Oct. 1953) Budapest, Hungary

SO: Monthly List of East European Accessions, LC, Vol. 3, No. 4, April, 1954

BIRO Z.
(4191)

*Brucellosis lekuzdese az allami gazdasagokban. . The control of brucellosis in state farms NEPEGESZSEGUGY 1953, 34/11 (287-293) Tables 6
Agglutination and complement fixation tests were carried out with a considerable number of sera taken from people employed in state farms. The samples of veterinary surgeons were found to be positive in 14/4%. In the case of people taking care of animals 9% positive results were obtained. As a contrast, only 4.5% of sera selected at random gave a positive test. The possibilities of the prevention of brucellosis in state farms are discussed.
Ivanovics - Szeged

SO: E. M. Volume 7, No. 8 - Sect. IV August 1954

SZEMESS, L.; BIRÓ, Zs.

Leptospirosis foci in East Hungary. Acta microb. hung 3 no.1-2:
19-26 1955.

1. Institut for Hygiene der Medizinischen Universität, Debrecen.
(LEPTOSPIROSIS, epidemiol.
in East Hungary)

SZENESS, László, dr.; BIRÓ, Zsigmond, dr.

Percutaneous diagnosis of brucellosis. Nepegesszeguy 36
no.10:338-340 Oct 55.

1. Közlemény a Debreceni Orvostudományi Egyetem közegészségtani
Intézetéből (igazgató: Jeney, Endre dr. egyetemi tanár, az
orvostudományok doktora).

(BRUCELLOSIS, diag.

percutaneous endotoxin-allergene test, technic. (Hun))

(BIOLOGICAL PRODUCTS

endotoxin-allergenes in percutaneous diag. tests
for brucellosis. (Hun))

FAZEKAS, Arpad, dr.,; BIRÓ, Zsigmond, dr.

Data on leptospirosis. Orv. hetil. 96 no.6:148-150 6 Feb 55

1. A Berettyóújfalui Járás Kórház (igazgató: Mako István dr.)
Gyermekgyógyászati Osztályának (főorvos: Fazekas Arpad dr.) és
a Debreceni Orvostudományi Egyetem Közegészségtani Intézetének
(igazgató: Jenei Endre dr. egyetemi tanár az orvostudományok
doktora) közleménye.
(LEPTOSPIROSIS)

BIRO, Zsigmond, dr.; SZENESS, László, dr.

Comparative study on rapid diagnostic methods in brucellosis.
Hepesegsegugy 37 no.7:179-182 July 56.

1. Közlemény a debreceni Orvostudományi Egyetem Közegeszségtani Intézetéből (igazgató: Jeney, Endre, dr. egyetemi tanár, az orvostudományok doktora).
(BRUCELLOSIS, diag.
serodiag., comparative evaluation of various rapid
methods (Hun))

BIRO, Zsigmond, dr.

Food hygiene in the Borsod-Abaúj-Zemplén county. Bacteriological
examination of foods. ~~Hepeszesseg~~ 40 no.11:300-303 N '59.
(FOOD INSPECTION)

SAAD, Ferenc, dr.; FAZOLD, Adam; BIRO, Zsigmond, dr.; GYULAI, Imre, dr.

A water-borne epidemic in Satoraljaújhely in 1961. Nepegeszsegugy 13
no.5:n.p. My '62.

1. Közlemény a Borsod-Abaúj-Zemplén megyei Közegeszségügyi Járványügyi
Allomásról (igazgató: Jurkovich János dr.).
(DYSENTERY BACILLARY epidemiol) (WATER SUPPLY microbiol)

BIRO, Zsigmond, dr.

Air pollution in Miskole. Nepogezsegugy 43 no.2:43-46 F '62.

(AIR POLLUTION)

TAKACS, Sandor, dr.; BIRO, Zsigmond, dr.

Proteus and Pseudomonas caused water epidemics. Hidrologiai kozlony
44 no.8: 374-378. Ag '64.

1. Borsod-Abauj-Zemplen County Public Health and Medical Clinic
for Contagious Diseases, Miskolc.

L 15459-66 ENT(m) RM

ACC NR: AT6007422

SOURCE CODE: HU/2505/65/026/00X/0036/0036

AUTHOR: Mitsanyi, A.; Kovach, A. G. B.; Biro, Zsuzsanna

B+1 29
28

ORG: Experimental Research Laboratory, Medical University of Budapest (Budapesti Orvostudományi Egyetem, Kísérleti Kutatólaboratórium)

TITLE: Myocardial blood flow in hemorrhagic shock with and without phenoxybenzamine treatment as determined by the 'heated thermocouple' method [This paper was presented at the 29th Meeting of the Hungarian Physiological Society held in Szeged from 2 to 4 July 1964]

SOURCE: Academia scientiarum hungaricae. Acta physiologica, v. 26, Supplement, 1965, 36

TOPIC TAGS: circulatory system, blood pressure, drug effect, animal physiology

ABSTRACT:

In recent years, increasing importance has again been attributed to cardiac lesions in the development of irreversible shock. In the present study, hemorrhagic shock was induced in dogs anesthetized with chloralose, and myocardial blood flow was studied by the method of HENSEL and RUEF, based on heat conductivity measurements. As phenoxybenzamine is known to have a protective effect, the studies were extended to animals pre-treated with the compound. It was found that, in re-

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ACC NR: AT6007422

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sponse to pre-treatment with the drug, the arterial blood pressure decreased and the myocardial blood flow increased. In the control shock group, the flow decreased significantly while vascular resistance only slightly, during the oligemic periods. In the animals pre-treated with phenoxybenzamine, the myocardial blood flow did not drop below the initial level in spite of the hypotension, while the resistance decreased markedly. The results led to some new conclusions as to the mechanism and therapy of hemorrhagic and cardiogenic shock. [JPRS]

SUB CODE: 06 / SUBM DATE: none

28

Card 2/2

BIRON, A. [Bironis, A.]

Conference of historians of the Estonian S.S.R. Vestis Latv ak
no.7:129-131 '62.

BIRON, A. [Bironis, A.]

Conference on the history of national economy in Latvia, Izv.
AN Latv. SSR no.10:137-139 '62. (MIRA 16:1)

(Latvia—Economic conditions)

BIRONS, A.; MASLENIKOVA, I.

"Soviet Latvia in 1919; documents and materials." Reviewed by
Vestis Latv ak no.1:145-150 '62.

61K0-30611, E.
CA

Stannometry. Volumetry determination of iron (III).

vanadate, dichromate, iodate, bromate, ferricyanide ions, and iodine. Zoltán G. Szabó and Edith J. Nagy (Univ. Szeged, Hung.). *J. Anal. Chem. Acta* 6, 283-314 (1952) (in English). —A generally applicable reductive method is elaborated by means of which numerous substances can be determined having oxidation potentials exceeding 0.3 v. A 0.1 N SnCl₂ soln. is used. The procedure has been employed for detg. Fe³⁺, Fe²⁺, CrO₇²⁻, VO₃⁻, IrO₄⁻, IO₃⁻, Fe(CN)₆³⁻, and I.
Landon A. Server

BIRC, F.

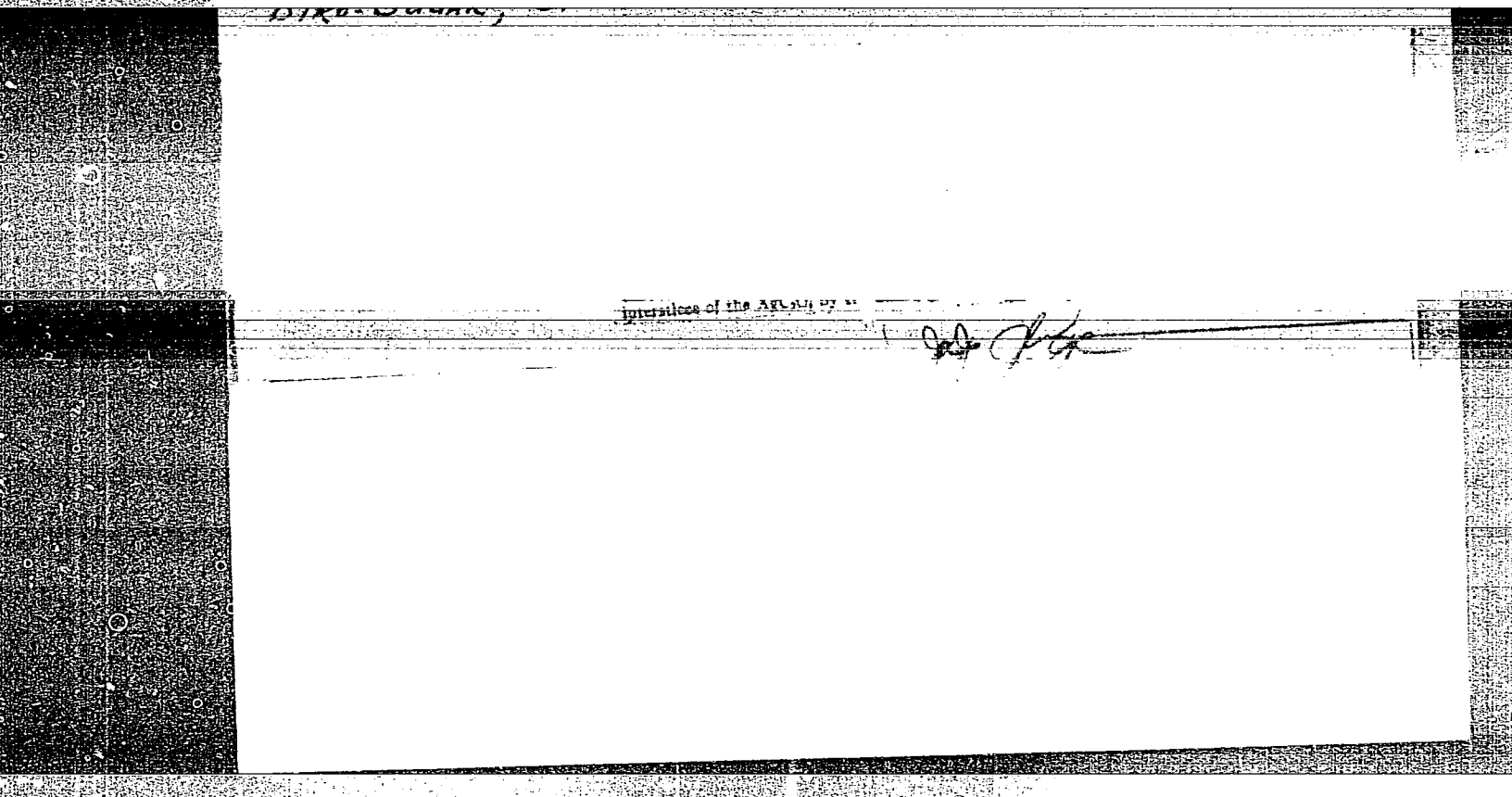
Thermic decomposition of silver oxalate.

p. 252. (MACYAR KIZIKAI FOLYOIRAT) Vol. 63, no. 9, Sept. 1957
Budapest, Hungary

SO: Monthly Index of East European Accessions (EEAI) LC, Vol. 7, NO. 3,
1958

"APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000205330004-4



APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000205330004-4"

BIRONE-SUGAR, EDIT
HUNGARY/Physical Chemistry - Kinetics. Combustion.
Explosions. Topochemistry. Catalysis.

B-9

Abs Jour : Ref Zhur - Khimiya, No 8, 1958, 24229

Author : Szabo Zoltan, Birone-Sugar Edit

Inst : -

Title : Kinetics of Thermal Decomposition of Silver Oxalate.

Orig Pub : Magyar kem. folyoirat, 1957, 63, No 9, 252-263

Abstract : Study of thermal decomposition of monodispersed samples of silver oxalate of high purity in the presence of different gases. The conclusion is reached that the reaction under study is a chain reaction with branched and essentially material chains.

Card 1/1

18

BIRON, A.



Lower limit of the reaction of hydrogen with oxygen.
A. Biron and A. Nalbandyan. *J. Phys. Chem.* (U. S. S. R.) 9, 132-42 (1937).—Data are given for the lower region of ignition of H_2-O_2 mixts. in quartz and Pyrex vessels with and without the addn. of A at 485-570°. In Pyrex the inert gas has no effect on the lower limit, but in quartz, the lower limit is made lower in accordance with $(P_{H_2} + c.) \left(1 + \frac{\alpha P_A}{P_{H_2} + O_2}\right) = \text{const.}$ For various mixts., $P_{\text{limit}}(\gamma)(1 - \gamma) = k(1 - 0.95 \gamma)$ (where γ is the mol. fraction of O_2). Both H and O atoms are assumed to behave as active centers for the reaction. P. H. R.

BIRON, A.

A valuable study on the revolutionary past of the Latvian people;
a book review. Vestis Latv ak no 3:155-158 '61
(EKAI 10:9)

(Latvia--History)

BIRON, A. [Biron, A.]

Scientific conference on the Great Patriotic War of the Soviet Union,
1941-1945. Vestis Latv ak no.10:139-141 '61.

(World War, 1939-1945)

BIRON, A. [Birons, A.]

Krisjanis Valdemars as organizer of naval education in Russia.
Vestis Latv ak no.2:3-19 '62.

1. Institut istorii i material'noy kul'tury AN Latviyskoy
SSR.

BIRON, A. [Bironis, A.]

Session of historians in Kharkov. Vestis Latv ak no.6:129-132
'62.

BIRON, E. V.

CA: 3-977/9

BIRON, E. V.
(Chem. Lab., Univ. St. Petersburg)
J. Russ. Phys. Chem. Soc. 40, 339-60
Specific heat and osmotic pressure of solutions.

BIRON, V.

Ten years later... Obshchestv.pit. no.2:21-22 F '60. (MIRA 13:6)

1. Nachal'nik torgovogo otdela, otdela rabochago snabzheniya
Angarskoy.
(Irkutsk--Restaurants, lunchrooms, etc.)

WINTER, Erno, Magyar Tudomanyos Akademia rendes tagja; BUDINCSEVITS,
Andor; BIRONE FRIGYES, Eva

Investigations in the formation of the solid solutions of earth
alkali carbonates. Muszaki kozl MTA 30 no.1/4:215-231 '62.

BIRONE (SUGAR), Edit; KONYANE KOVACS, Maria

Quick method for determining chromium content of ferrochromium.
Magy kem lap 17 no.9:429 S⁹ '62.

1. Szegedi Tudományegyetem Szervetlen és Analitikai Kémiai Intézet
(for Birone Sugar).
2. Délalföldi Mezőgazdasági Kísérleti Intézet
(for Konyane Kovacs).

L 3980-66 EWT(d)/EWP(v)/EWP(k)/EWP(h)/EWP(l)
ACCESSION NR: AP5022364

UR/0115/65/000/007/0062/0063
62-533.6

AUTHOR: Biront, N. P.

TITLE: Using an automatic self-recording potentiometer for programmed temperature control

SOURCE: Izmeritel'naya tekhnika, no. 7, 1965, 62-63

TOPIC TAGS: automatic temperature control, industrial automation

ABSTRACT: The author describes a simple method for programmed temperature control using a thermocouple and an automatic self-recording potentiometer. The control program is punched on paper tape. Two grooves are cut in the stationary sleeve of the tape transport mechanism, and silvered plates with electrical leads are placed in these grooves. Two sliding brushes are mounted on the pressure roller (see fig. 1 of the Enclosure). The paper tape moves between the sleeve and the roller with the contact brushes. The operator selects the tape speed from a table. If contact K_1 passes over a hole in the paper tape, a relay is operated which disconnects the power to the electric furnace. When the circuit between K_1 and the sleeve is broken,

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ACCESSION NR: AP5022364

the power supply to the furnace is again switched on. The device contains a position control unit for holding a certain temperature for a definite length of time and then increasing the temperature. Sliding contact K_2 bypasses the position control unit when an increase in temperature is required. The error in temperature control is no more than $\pm 1.0\%$ of the measurement range. Orig. art. has: 2 figures.

ASSOCIATION: none

SUBMITTED: 00

ENCL: 01

SUB CODE: IE, DP

NO REF SOV: 000

OTHER: 000

Card 2/3

L 3980-66

ACCESSION NR: AP5022364

ENCLOSURE: 01

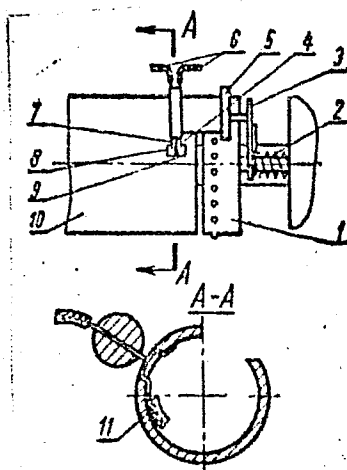


Fig. 1. 1 - moving sleeve; 2 - spring; 3 - lever for the pressure roller; 4 - brush K_1 ; 5 - pressure roller; 6 - electrical leads; 7 - brush K_2 ; 9 - fixed contact of brush K_1 ; 10 - stationary sleeve; 11 - lead to the fixed contact.

Card 3/3

ACCESSION NR: AP4010074

S/0129/64/000/001/0040/0044

AUTHORS: Pogodina-Alekseyeva, K. M.; Biront, V. S.; Slavin, L. D.

TITLE: The effect of ultrasonics on the mechanical properties of R18 steel.

SOURCE: Metallovedeniye i termicheskaya obrabotka metallov, no. 1, 1964, 40-44

TOPIC TAGS: R18 steel, mechanical property, ultrasonication, high speed R18 steel, hardness, microhardness, heat resistance, hardening, annealing, tempering, ultrasonic hardening, ultrasonic tempering, steel structure conversion mechanism, cutting instrument, heat treatment, austenitic steel, martensite, precipitation hardening

ABSTRACT: The effect of ultrasonics on the properties of high speed R18 steel with respect to heat treating is qualitatively the same regardless of the time or duration of its introduction; generally, the hardness, microhardness and heat resistance of the ultrasonically treated steel is higher than that of conventionally treated steel. Ultrasonics intensify the transitions which take place on heat treat-

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ACCESSION NR: AP4010074

ing. Residual austenite is reduced to 18% by hardening with sonication for 1 hour as compared with 25 hours for conventional hardening. Hardness increases with prolonged ultrasonics treatment, and microhardness is also higher. This is explained by the increased amount of carbide precipitates and their hardening. The effect of ultrasonics during tempering is identical to the effect during annealing. It is possible to obtain the same conversion of residual austenite in a two-stage (to 0.3%) or even in a single stage (to 3%) tempering that requires three-stage tempering by conventional methods. The heat resistance of ultrasonically treated steels, during annealing, tempering, or both is also higher with 1 hour of treatment being optimum. It is proposed that ultrasonics prepare the structure of the steel for further conversion, accelerate the break-down of residual austenite and thereby form intermediate phases (not strengthening martensite-austenite mixtures) which are apparently strengthened, especially by second tempering. Increased microhardness due to ultrasonic tempering is explained by the formation of submicroscopic separated carbides, i. e., precipitation hardening of the martensite. Ultrasonic heat treatment, especially

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ACCESSION NR: AP4010074

1 hour ultrasonic tempering, is recommended for simple cutting instruments. Orig. art. has: 3 Figures.

ASSOCIATION: Vsesoyuznyy zaachnyy politekhnicheskiy institut
(All-Union Correspondence Polytechnical Institute)

SUBMITTED: 00

DATE ACQ: 07Feb64

ENCL: 00

SUB CODE: ML

NR REF SOV: 000

OTHER: 000

Card 3/3

✓ Some physico-chemical properties of 3,4-dimethylphenol
(Labouret, Jager, Jan Burok, and Kuncich Kroos (Vysoká
škola, Chem., Prágu, July 48, 1955-1956);
Collection Czechoslov. Chem. Commun. 20, 376-381 (1955) (in
German). By thermal analysis and by measurements of
the temp. dependence of the linear crystal velocity and the
vapor pressure, the monotropic behavior of 3,4-Me₂C₆H₃OH
has been proved. The properties of the stable and the
metastable forms, resp. are: crystal velocity at 7°C: 12
62.4 cm/min; m.p. 66.0°C; 62.5°C; vapor pressure at
20°C: 0.143, 0.179 mm. Hg.

TIBORCZ, Sandor, Dr.
TIBORCZ, Sandor, Dr.; BIROSZ, Bela, Dr.; KONTOR, Elemer, Dr.

Artificial hibernation in the therapy of tetanus. Orv. hetil. 99 no.6:
202-204 9 Feb 58.

I. A Vas megyei Tanacs Markusovszky Korhaza (igazgato: Szvoboda Jeno dr.)
II. sz. Sebesszeti Osztalyanak (foorvos: Tiborcz Sandor dr.) kozlemenye.
(TETANUS, ther.

adjuvant artif. hibernation (Hun))
(HIBERNATION, ARTIFICIAL, ther. use
adjuvant in tetanus (Hun))

SARMESIU, C.; BIROUAS, G.

The clinical value of phlebography of the internal mammary vein in the study of neoplasms of the breast and of mediastino-pulmonary tumours. Rumanian M Rev. no.3:65-69 '61.

(BREAST NEOPLASMS diagnosis) (LUNG NEOPLASMS diagnosis)
(MEDIASTINUM neoplasms) (ANGIOGRAPHY)

BIROV, V.V., vrach (g. Vinogradovo Zakarpatskoy oblasti).

Considerations on S.M. Shibaeva's article, "Present status of histo-
chemical methods of lipids analysis." Arkh.pat. 20 no.8:75-76 '58
(LIPIDS, determ. (MIRA 11:9)
histochem. methods (Rus))

KOTOV, A.F., inzh.; GUL'KO, L.V., inzh.; BIROV, Yu.A., inzh.

Automatically controlled main electric drive of a multibucket excavator. Nauch. zap. Ukrniiproekta no.2:152-162 '60. (MIRA 15:1)
(Excavating machinery--Electric driving) (Automatic control)

SCHELOVANIA/Parasitology - Parasitic Worms.

G-1

Ref Jour : Ref Zhur - Biol., No 5, 1958, 19603

Author : Birova, Busha

Inst :

Title : Detection of Trematodes Genus *Prosthogonimus* Luhe, 1899 in Domestic Duck *Anas boschas domestica* and Turkey *Meleagris gallopavo* in Slavakia.

Orig Pub : Biologia, 1957, 12, No 4, 288-291

Abstract : Description of *P. pellucidus* (Linstow, 1873) Braun, 1901, from the oviduct and fabre sac of domestic duck and *P. cuneatus* Rudolphi, 1809 from turkey oviduct.

Card 1/1

CZECHOSLOVAKIA/General and Special Zoology. Insects P.2

Abstr Jour : Ref Zhur - Biol., No 15, 1953, No 68901

Author : Jasic Jan, Birova Helena

Inst : -

Title : The Problem of the Bionomy of the Fall Webworm:
(Hyphantria cunea Drury)

Orig Pub : Biologia, 1957, 12, No 7, 517-532

Abstract : A study was made of the life and development of the moth in Czechoslovakia. Mating, as a rule, takes one day; the females only copulate once, while males can repeat this two or three times. In the second or third day of their lives the females start to lay eggs, among them unfertile ones (if the females have not copulated). Oviposition can be interrupted by copulation; the eggs which the females lay afterwards are fertile. In experiments, butterflies of the second genera-

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CZECHOSLOVAKIA/General and Special Zoology. Insects

P-2

Abs Jour : Ref Zhur - Biol., No 15, 1958, No 68901

tion lived for 2-12 days, laying 55.7% of the total egg reserve on the first day, and 32.1% on the second day, of egg-laying. On the average, 1.5% of the eggs are not laid. In the first generation of butterflies, in 1955-1956, unfertilized eggs were found in most egg-deposits, including those deposits made by females which had copulated; the reason for this is evidently unsuccessful copulation, and not a sufficient number of males. The low temperature threshold for embryonal development is 11 degrees, for development of female caterpillars -- 10.5 degrees, of males -- 10.8 degrees, and for the pupae -- 10 degrees. The sum of effective temperatures for egg development is $118.5 \pm 2.7^\circ$, for female caterpillars of the first generation -- $362.9 \pm 2.5^\circ$, and for males -- $333.7 \pm 5.2^\circ$, for female caterpillars of the second generation

Card

: 2/3

CZECHOSLOVAKIA/General and Special Zoology. Insects

P-2

Abs Jour : Ref Zhur - Biol., No 15, 1958, No 68901

-- 470.6 ± 39 , for males -- 431 ± 7.6 , for female pupae -- 158.5 ± 3.1 , and 163.1 ± 1.9 for males. In Slovakia in 1949-1956 the butterfly had two generations yearly. The existence of a third partial generation is improbable since development terminates in autumn, and only a part of the whole population of second generation caterpillars become (hibernating) pupae. Thus, in 1955, only 19% of the second generation finished larval development. An index of the quantity of second generation caterpillars is the sum of effective temperatures, calculated from the moment of maximal hatching of caterpillars to the day in autumn when the average daily temperature falls lower than the temperature threshold of their development. -- G.A. Nazokhin

Card : 3/3

BIROVA, H.: JASIC, J

"fertility of the American webworm (*Hyphantria cunea* Drury) and its determination."

BIOLOGIA, Bratislava, Czechoslovakia, Vol. 13, no. 11, 1953

Monthly list of East Europe Accessions (EEAI), LC, Vol. 8, No. 6, Sept 59
Unclass

BIROVA, Helena

International symposium on biological control of the potato beetle. Vestnik CSAV 72 no.1:96-97 '63.

CZECHOSLOVAKIA

BIROVA, Helena: Institute for Experimental Phytopathology and Entomology, Slovak Academy of Sciences, Ivanka pri Dunaji.
[Original version not given].

"Study of Parasitism of the Eggs of Choristoneura Murinana Hbn. and Their Attraction for Species of the Genus Trichogramma Westw. "

Bratislava, Biologia, Vol 21, No 5, 1966, pp 329 - 338

Abstract: Parasites of eggs of Choristoneura murinana Hbn were studied in the period of 1962-64 in the neighborhood of Banska Stiavnica; only 2% or less of the eggs were invaded by parasites. It was found that Trichogramma embryophagum (Htg) lives as a parasite on these eggs only rarely, both in nature, and under laboratory conditions. In first generation only 1.14% of the eggs were invaded by parasites, in the second generation (after the parasite passed through the eggs in the 1st generation) only 2.28%, and in third only 2.85%. However, eggs of Sitotroga cerealella Ol. were invaded by this parasite in 79.8%. 4 Figures, 5 Tables, 2 Western, 2 Czech, 1 Polish reference. (Manuscript received 25 Nov 65). Article is in German.

1/1

BIROVA, V.; BUSA, V.

Occurrence of trematodes belonging to the species of Prosthogonimus Luhe, 1899, in domestic ducks (Anas boschas domestica) and turkeys (Meleagris gallopavo) in Slovakia. p. 288.
(BIOLOGIA, Vol. 12, No. 4, 1957, Bratislava, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 12, Dec 1957. Uncl.

BIROVA-VOLOSINOVICOVA, Viera

Helminthic fauna of the domestic fowl (*Gallus gallus domesticus* L.)
in Slovakia. *Biologia* 15 no.4:241-249 '60. (EEAI 9:9)

1. Helmintologicky ustav Slovenskej akademie vied, Kosice.
(SLOVAKIA--GALLUS DOMESTICUS)
(WORMS)

BIROVA-VOLOSINOVICOVA, Viera.

Helminthofauna of the domesticated turkey (*Meleagris gallopavo domesticus* L.) in Slovakia-Czechoslovakia. *Biologia* 15 no.6:427-437 '60. (EEAI 9:10)

1. Helmintologicky ustav Slovenskej akademie vied, Kosice.
(SLOVAKIA--WORMS) (TURKEYS)

BLAHOVA-VOLOSINOVICOVA, Viera, Graduate Veterinarian, Czechoslovak Academy of Sciences, Helminthology Institute (Helminthologický ústav), Slovak Academy of Sciences, Kosice, J. NOVAKA, corresponding member of the Slovak Academy of Sciences, director.

"Worms in Powl and Their Occurrence on Large and Small Poultry Farms."

Prague, Veterinarni Medicina, Vol 8(XXXVI), no 4, August 63, pp 225-230.

Abstract [Author's German summary, modified]: A helminthological examination was conducted in 500 hens (*Gallus gallus domesticus* L.) and 101 turkeys (*Meleagris gallopavo* dom., L.) in Slovakia. A total of 92.4% and 91.3% respectively were attacked by worms. Twenty different types in hens and 17 in turkeys were found. The difference is pointed out in the types of worms on large socialist farms and small private enterprises. Most frequent on large farms were geohelminths, the least frequent were *Heterakis gallinarum* and *Ascaridia galli*. Seventeen references, including 12 Czech and 2 Russian.

1/1

25

BIROVA-VOLOSINOVICOVA, Viera, promovany veterinar

Helminths of poultry and their occurrence in large-scale and small-scale breeding. Veter medicina 8 no.4:225-230 '63.

Preliminary report on the study of epizootiology of Heterakis gallinarium (Schrunk, 1788) and Ascaridia galli (Schrunk, 1788) in poultry. Ibid.:231-236

1. Institute of Helminthology of the Slovak Academy of Sciences, Kosice. Director of the Institute [corresponding member of the Slovak Academy of Sciences] J. Hovorka.

ACC NR: AP6001429

SOURCE CODE: CZ/0049/65/000/002/0122/0126

AUTHOR: Birova-Volosinovicova, Viera—Birova-Volosinovichova, Viera (Candidate of sciences) 13

ORG: Helminthological Institute, Slovak Academy of Sciences, Kosice (Helmintologicky ustav Slovenskej akademie vied)

TITLE: Study of the development of eggs of *Heterakis gallinarum* under laboratory conditions

SOURCE: Biologia, no. 2, 1965, 122-126

TOPIC TAGS: animal parasite, biologic reproduction

ABSTRACT: The eggs are very resistant to various physical factors. Non-embryonized eggs remain alive for 3 months at - 20°C, and at - 4°C they remain alive for 6 months. They resist temperatures of + 50°C for 30 minutes. Higher temperatures, however are damaging. Drying for 35 days leaves 50% of the eggs unaffected, 40 days of drying destroys most of the eggs. The best development of the eggs is at 20° - 30°C with an optimum at 26°C. [JPRS]

SUB CODE: 06 / SUBM DATE: 27Jul64 / ORIG REF: 001 / OTH REF: 007
SOV REF: 002

OC
Card 1/1

BIROVETS, A.M.

Tables for Constructiong the Borders of Topographic Surveys at Scales
1:5000 and 1:2000; Krasovskiy Ellipsoid. Geodezizdat, Moscow (1951)

BIROVLJEV, Milorad

Automation in the present stage of the Yugoslav economy.
Automatika 4 no.3:169-170 1963.

1. Pomocnik sekretarja Zveznega sekretarijata za industrijo.